CLAIMS

What is claimed is:

1. A method of forming ear or nose plugs, comprising:
providing silicone rubber base and catalyst materials;
mixing about equal parts of the silicone rubber base and catalyst materials to form a homogeneous putty;
forming a module of the homogeneous putty;
inserting the module within an ear or nose cavity using enough gentle pressure to allow the module to conform to the ear or nose cavity and leaving enough of the module outside of the cavity to grasp for removal;
waiting a predetermined amount of time to cure; and
removing a custom shaped ear or nose plug.

2. The method according to claim 1, wherein providing silicone rubber base material comprises providing a polysiloxane base having moderately low molecular weight polymer with 3 to 10 silane groups per molecule and filler.

3. The method according to claim 1, wherein providing silicone rubber catalyst material comprises providing a moderately low molecular weight polymer with vinyl terminal groups plus filler and chloroplatinic acid catalyst.

4. The method according to claim 1, wherein mixing comprises kneading by hand to obtain a uniformly mixed homogeneous putty.

5. The method according to claim 1, wherein mixing comprises using a spatula to obtain a uniformly mixed homogeneous putty.

6. The method according to claim 1, wherein forming a bullet shaped and sized module of the homogeneous putty for an ear plug comprises rolling a ball of between about 0.5 to about 1.5 cubic centimeters of the homogeneous putty between fingers until one end is narrower in diameter than an opposite end.

7. The method according to claim 1, further comprising forming the module into a bullet shaped and sized module.

8. The method according to claim 7, wherein forming a bullet shaped and sized module of the homogeneous putty for a nose plug comprises rolling a ball of between about 2 to about 4 cubic centimeters of the homogeneous putty between fingers until one end is narrower in diameter than an opposite end.

9. The method according to claim 1, wherein inserting the module is performed within about 1 minute to about 3 minutes from beginning of the mixing.

10. The method according to claim 1, wherein waiting a predetermined amount of time to cure comprises waiting at least about 3 to 5 minutes measured from beginning of the mixing.

11. The method according to claim 1, wherein removing a custom shaped ear or nose plug comprises grasping the module outside of the cavity and gently removing the custom shaped ear or nose plug.

12. A polyvinyldimethylsiloxane or polyvinylsiloxane ear or nose plug formed by the process comprising:
providing silicone rubber base and catalyst materials;
mixing about equal parts of the silicone rubber base and catalyst materials to form a homogeneous putty;
forming a module of the homogeneous putty;
inserting the module within an ear or nose cavity using enough gentle pressure to allow the module to conform to the ear or nose cavity and leaving enough of the module outside of the cavity to grasp for removal;
waiting a predetermined amount of time to cure; and
removing a custom shaped ear or nose plug.

13. The method according to claim 12, wherein providing silicone rubber base material comprises providing a polysiloxane base having moderately low molecular weight polymer with 3 to 10 silane groups per molecule and filler.

14. The method according to claim 12, wherein providing silicone rubber catalyst material comprises providing a moderately low molecular weight polymer with vinyl terminal groups plus filler and chloroplatinic acid catalyst.

15. The method according to claim 12, wherein mixing comprises kneading by hand to obtain a uniformly mixed homogeneous putty.

16. The method according to claim 12, wherein mixing comprises using a spatula to obtain a uniformly mixed homogeneous putty.

17. The method according to claim 12, wherein forming a module comprises forming a bullet shaped and sized module.

18. The method according to claim 17, wherein forming a bullet shaped and sized module of the homogeneous putty for an ear plug comprises rolling a ball of between about 0.5 to about 1.5 cubic centimeters of the homogeneous putty between fingers until one end is narrower in diameter than an opposite end.

19. The method according to claim 17, wherein forming a bullet shaped and sized module of the homogeneous putty for a nose plug comprises rolling a ball of between about 2 to about 4 cubic centimeters of the homogeneous putty between fingers until one end is narrower in diameter than an opposite end.

20. The method according to claim 12, wherein inserting the module is performed within about 1 minute to about 3 minutes from beginning of the mixing.

21. The method according to claim 12, wherein waiting a predetermined amount of time to cure comprises waiting at least about 3 to 5 minutes measured from beginning of the mixing.

22. The method according to claim 12, wherein removing a custom shaped ear or nose plug comprises grasping the module outside of the cavity and gently removing the custom shaped ear or nose plug.

23. A silicone rubber ear plug, comprising,

a first portion for extending into an ear canal and having a hook portion at an end thereof for retaining the ear plug within the ear canal; and

a second portion extending over the skin forming the entrance of the ear canal for grasping the ear plug for removal from the ear canal.

24. The ear plug of claim 23, wherein the ear plug is comprised of at least one of polyvinyldimethylsiloxane or polyvinylsiloxane.

25. The ear plug of claim 23, wherein the ear plug is permanently formed in the shape of a portion of an ear canal.

26. The ear plug of claim 25, wherein the ear plug is formed from a flexible and resilient material.